

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023401**Date Inspected:** 28-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Feng Hai Jung**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S. Manjunath. Math. was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Magnetic Particle Testing (MT) Bay No. 3

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated a MT report of this date. The members are identified as following.

1.OBG Floor Beam MT carried out for Joint No. FB-003-147-011; 012; 023; 024; 018; 026; 041 and 050, Green Tag No. 006655 signed off.

2.OBG Floor Beam MT carried out for Joint No. FB-003-140-035; 036; 047;048; 013; 038; 050 and 054, Green Tag No. 006654 signed off.

Inspection was performed against the Inspection Notification # 002833.

BAY 2

Segment No. 1AE

WELDING INSPECTION REPORT

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Flux Cored Arc Welding (FCAW) of weld joint – SSD036A-PP-9.5-362 and 372 in progress. Welder is identified as 045246. ZPMC QC is identified as Mr. Zhang Qiang and ZPMC CWI is identified as Mr. Hu Wei Qing . The welding variables recorded by QC appeared to comply with the WPS-B-P-2214-Tc-U4b-FCM.

Flux Cored Arc Welding (FCAW) of weld joint – SSD034A-PP-8.5-362 in progress. Welder is identified as 037723. ZPMC QC is identified as Mr. Zhang Qiang and ZPMC CWI is identified as Mr. Hu Wei Qing . The welding variables recorded by QC appeared to comply with the WPS-B-P-2214-Tc-U4b-FCM.

Flux Cored Arc Welding (FCAW) of weld joint – SSD036A-PP-9.5-367 in progress. Welder is identified as 058245. ZPMC QC is identified as Mr. Zhang Qiang and ZPMC CWI is identified as Mr. Hu Wei Qing . The welding variables recorded by QC appeared to comply with the WPS-B-P-2214-Tc-U4b-FCM.

Flux Cored Arc Welding (FCAW) of weld joint – FB-023-009 in progress. Welder is identified as 205091. ZPMC QC is identified as Mr. Ahan Hai Feng and ZPMC CWI is identified as Mr. Wu Zhi Cheng . The welding variables recorded by QC appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
